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RAW SEQUENCE LISTING

DATE: 09/29/2004

PATENT APPLICATION: US/10/767,779

TIME: 11:23:49

Input Set : A:\21465-510-UTIL.txt

Output Set: N:\CRF4\09292004\J767779.raw

3 <110> APPLICANT: Leamon, John H.
 4 Lohman, Kenton L.
 5 Rothberg, Jonathan M.
 6 Weiner, Michael P.
 8 <120> TITLE OF INVENTION: METHOD OF AMPLIFYING AND SEQUENCING NUCLEIC ACIDS
 10 <130> FILE REFERENCE: 21465-510 UTIL
 12 <140> CURRENT APPLICATION NUMBER: US 10/767,779
 13 <141> CURRENT FILING DATE: 2004-01-28
 15 <150> PRIOR APPLICATION NUMBER: US 60/476,602
 16 <151> PRIOR FILING DATE: 2003-06-06
 18 <150> PRIOR APPLICATION NUMBER: US 60/476,504
 19 <151> PRIOR FILING DATE: 2003-06-06
 21 <150> PRIOR APPLICATION NUMBER: US 60/476,313
 22 <151> PRIOR FILING DATE: 2003-06-06
 24 <150> PRIOR APPLICATION NUMBER: US 60/476,592
 25 <151> PRIOR FILING DATE: 2003-06-06
 27 <150> PRIOR APPLICATION NUMBER: US 60/465,071
 28 <151> PRIOR FILING DATE: 2003-04-23
 30 <150> PRIOR APPLICATION NUMBER: US 60/443,471
 31 <151> PRIOR FILING DATE: 2003-01-29
 33 <150> PRIOR APPLICATION NUMBER: US 60/497,985
 34 <151> PRIOR FILING DATE: 2003-08-25
 36 <160> NUMBER OF SEQ ID NOS: 60
 38 <170> SOFTWARE: PatentIn version 3.2
 40 <210> SEQ ID NO: 1
 41 <211> LENGTH: 44
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Artificial
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Primer
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 52 <210> SEQ ID NO: 2
 53 <211> LENGTH: 40
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Primer
 60 <400> SEQUENCE: 2
 61 gcatgacagg gaggaacag atggcaaggc acacagggga 40
 64 <210> SEQ ID NO: 3
 65 <211> LENGTH: 40
 66 <212> TYPE: DNA



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69 <220> FEATURE:
70 <223> OTHER INFORMATION: Primer
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81 <220> FEATURE:
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84 <400> SEQUENCE: 4
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89 <211> LENGTH: 64
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Primer
96 <400> SEQUENCE: 5
97 tcgtgtgagg tctcagcatc ttatgtatat ttacttctat tctcagttgc ctaagctgca    60
99 gccca                                                64
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 24
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Primer
110 <400> SEQUENCE: 6
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114 <210> SEQ ID NO: 7
115 <211> LENGTH: 24
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Primer
122 <400> SEQUENCE: 7
123 gacctcacac gatggctgca gctt          24
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127 <211> LENGTH: 64
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial
131 <220> FEATURE:
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137 ttca                                                64
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 34

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143 <213> ORGANISM: Artificial
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Primer
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155 <213> ORGANISM: Artificial
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Primer
160 <400> SEQUENCE: 10
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167 <213> ORGANISM: Artificial
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Primer
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175 gcc 64
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179 <211> LENGTH: 40
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181 <213> ORGANISM: Artificial
183 <220> FEATURE:
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186 <400> SEQUENCE: 12
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190 <210> SEQ ID NO: 13
191 <211> LENGTH: 40
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Primer
198 <400> SEQUENCE: 13
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203 <211> LENGTH: 20
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207 <220> FEATURE:
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217 <213> ORGANISM: Artificial
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231 <220> FEATURE:
232 <223> OTHER INFORMATION: Primer
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239 <211> LENGTH: 20
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241 <213> ORGANISM: Artificial
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265 <213> ORGANISM: Artificial
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Primer
270 <400> SEQUENCE: 19
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275 <211> LENGTH: 20
276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Primer
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287 <211> LENGTH: 20
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289 <213> ORGANISM: Artificial
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Primer
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300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial
303 <220> FEATURE:
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306 <400> SEQUENCE: 22
307 cctatcccct gttgcgtgtc 20
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311 <211> LENGTH: 20
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Primer
318 <400> SEQUENCE: 23
319 ccatctgttg cgtgcgtgtc 20
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323 <211> LENGTH: 20
324 <212> TYPE: DNA
325 <213> ORGANISM: Artificial
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Primer
330 <400> SEQUENCE: 24
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334 <210> SEQ ID NO: 25
335 <211> LENGTH: 20
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial
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346 <210> SEQ ID NO: 26
347 <211> LENGTH: 20
348 <212> TYPE: DNA
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351 <220> FEATURE:
352 <223> OTHER INFORMATION: Primer
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358 <210> SEQ ID NO: 27
359 <211> LENGTH: 18
360 <212> TYPE: DNA
361 <213> ORGANISM: Artificial

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/767,779

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51
Seq#:52,53,54,55,56,57,58,59,60

VERIFICATION SUMMARY

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